

**Table 22c**

**Texas North Rolling Plains**

**Cotton Insect Losses 2008**

Pest	acres infested	acres treated	#apps/ acre trtd	#apps/ tot acres	cost/ acre	%red	Bales lost
Boll Weevil	0	0	0.00	0.000	\$0.00	0.000%	0
Bollworm/Budworm	21,950	0	0.00	0.000	\$0.00	0.004%	39
Pink Bollworm	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Fleahopper	173,048	14,293	1.00	0.028	\$0.31	0.102%	911
Lygus	0	0	0.00	0.000	\$0.00	0.000%	0
Cotton Leaf Perforator	0	0	0.00	0.000	\$0.00	0.000%	0
Spider Mites	0	0	0.00	0.000	\$0.00	0.000%	0
Thrips	176,621	141,399	1.00	0.277	\$1.77	0.000%	0
Beet Armyworm	0	0	0.00	0.000	\$0.00	0.000%	0
Fall Armyworm	0	0	0.00	0.000	\$0.00	0.000%	0
European Cornborer	0	0	0.00	0.000	\$0.00	0.000%	0
Stink Bugs	1,021	0	0.00	0.000	\$0.00	0.000%	0
Grasshoppers	0	0	0.00	0.000	\$0.00	0.000%	0
Saltmarsh Caterpillars	0	0	0.00	0.000	\$0.00	0.000%	0
Aphids	72,486	0	0.00	0.000	\$0.00	0.014%	127
Banded Winged Whitefly	0	0	0.00	0.000	\$0.00	0.000%	0
Silverleaf Whitefly (Bemesia)	0	0	0.00	0.000	\$0.00	0.000%	0
Loopers	0	0	0.00	0.000	\$0.00	0.000%	0
Southern Armyworms	0	0	0.00	0.000	\$0.00	0.000%	0
Cutworms	0	0	0.00	0.000	\$0.00	0.000%	0
Clouded Plant bugs	0	0	0.00	0.000	\$0.00	0.000%	0
Other Insects	0	0	0.00	0.000	\$0.00	0.000%	0

Yield & Management Results	
Total Acres	510,466
Total bales Harvested	316,915
Yield (lbs/acre)	298
Total bales Lost to Insects	1,077
Percent Yield Loss	0.120%
Yield w/o Insects (lbs/acre)	298
Ave. # Spray Applications	0.305
Yield loss to all factors	578,836
% Yield loss to all factors	64.62%

Economic Results		
	Total	Per Acre
Foliar Insecticides - costs	\$684,206	\$2.08
At Planting Costs	\$1,604,610	\$0.11
Scouting costs	\$715,198	\$0.06
Eradication costs	\$1,125,978	\$4.00
Transgenic cotton	\$996,617	\$7.00
Total Costs	\$5,126,608	\$13.25
Yield Lost to insects	\$685,464	\$0.66
Total Losses + Costs	\$5,812,073	\$13.91